

IFW



Docket No.:M4065.1006/P1006A  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Terry L. Gilton

Application No.: 10/618,824

Confirmation No.: 5907

Filed: July 14, 2003

Art Unit: 2823

For: PROGRAMMABLE CONDUCTOR  
MEMORY CELL STRUCTURE AND  
METHOD THEREFOR

Examiner: Hsien Ming Lee

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any

Application No.: 10/618,824

Docket No.: M4065.1006/P1006-A

individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Pursuant to the Patent Office waiver of the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See OG Notice of August 5, 2003 and 37 CFR 1.491(b).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.1006/P1006-A. A duplicate copy of this paper is enclosed.

Dated: June 10, 2004

Respectfully submitted,

By \_\_\_\_\_

Thomas J. D'Amico

Registration No.: 28,371

Peter McGee

Registration No.: 35,947

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3 Attorney Docket Number M4065.1006/P1006-A

### Complete if Known

Application Number	10/618,824
Filing Date	July 14, 2003
First Named Inventor	Terry L. Gilton
Art Unit	2823
Examiner Name	Hsien Ming Lee

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A		US 2004/0035401	2/2004	Ramachandran et al.	
B		US 2003/0212724	11/2003	Ovshinsky et al.	
C		US 2003/0048744	3/2003	Ovshinsky et al.	
D		US 2003/0212725	11/2003	Ovshinsky et al.	
E		US RE 37,259E	7/2001	Ovshinsky	
F		US 3,271,591	9/1966	Ovshinsky	
G		US 3,961,314	6/1976	Klose et al.	
H		US 3,966,317	6/1976	Wacks et al.	
I		US 3,983,542	11/1976	Ovshinsky	
J		US 3,988,720	10/1976	Ovshinsky	
K		US 4,177,474	12/1979	Ovshinsky	
L		US 4,267,261	5/1981	Hallman et al.	
M		US 4,597,162	7/1986	Johnson et al.	
N		US 4,608,296	8/1986	Keem et al.	
O		US 4,637,895	1/1987	Ovshinsky et al.	
P		US 4,646,266	2/1987	Ovshinsky et al.	
Q		US 4,664,939	5/1987	Ovshinsky	
R		US 4,668,968	5/1987	Ovshinsky et al.	
S		US 4,670,763	6/1987	Ovshinsky et al.	
T		US 4,673,957	6/1987	Ovshinsky et al.	
U		US 4,678,679	7/1987	Ovshinsky	
V		US 4,696,758	9/1987	Ovshinsky et al.	
W		US 4,698,234	10/1987	Ovshinsky et al.	
X		US 4,710,899	12/1987	Young et al.	
Y		US 4,728,406	3/1988	Banerjee et al.	
Z		US 4,737,379	4/1988	Hudgens et al.	
A1		US 4,766,471	8/1988	Ovshinsky et al.	
B1		US 4,769,338	9/1988	Ovshinsky et al.	
C1		US 4,775,425	10/1988	Guha et al.	
D1		US 4,788,594	11/1988	Ovshinsky et al.	
E1		US 4,809,044	2/1989	Pryor et al.	
F1		US 4,818,717	4/1989	Johnson et al.	
G1		US 4,843,443	6/1989	Ovshinsky et al.	
H1		US 4,845,533	7/1989	Pryor et al.	
I1		US 4,853,785	8/1989	Ovshinsky et al.	
J1		US 4,891,330	1/1990	Guha et al.	
K1		US 5,128,099	7/1992	Strand et al.	
L1		US 5,159,661	10/1992	Ovshinsky et al.	
M1		US 5,166,758	11/1992	Ovshinsky et al.	
N1		US 5,177,567	1/1993	Klersy et al.	
O1		US 5,296,716	3/1994	Ovshinsky et al.	
P1		US 5,335,219	8/1994	Ovshinsky et al.	
Q1		US 5,359,205	10/1994	Ovshinsky	
R1		US 5,341,328	8/1994	Ovshinsky et al.	
S1		US 5,406,509	4/1995	Ovshinsky et al.	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b><i>Complete if Known</i></b>	
				Application Number	10/618,824
				Filing Date	July 14, 2003
				First Named Inventor	Terry L. Gilton
				Art Unit	2823
				Examiner Name	Hsien Ming Lee
Sheet	2	of	3	Attorney Docket Number	M4065.1006/P1006-A

T1	US 5,414,271	5/1995	Ovshinsky et al.
U1	US 5,534,711	7/1996	Ovshinsky et al.
V1	US 5,534,712	7/1996	Ovshinsky et al.
W1	US 5,536,947	7/1996	Klersy et al.
X1	US 5,543,737	8/1996	Ovshinsky
Y1	US 5,591,501	1/1997	Ovshinsky et al.
Z1	US 5,596,522	1/1997	Ovshinsky et al.
A2	US 5,687,112	11/1997	Ovshinsky
B2	US 5,694,054	12/1997	Ovshinsky et al.
C2	US 5,714,768	2/1998	Ovshinsky et al.
D2	US 5,825,046	10/1998	Czubatyj et al.
E2	US 5,912,839	6/1999	Ovshinsky et al.
F2	US 5,933,365	8/1999	Klersy et al.
G2	US 6,011,757	1/2000	Ovshinsky
H2	US 6,087,674	7/2000	Ovshinsky et al.
I2	US 6,141,241	10/2000	Ovshinsky et al.
J2	US 6,339,544	1/2002	Chiang et al.
K2	US 6,404,665	6/2002	Lowery et al.
L2	US 6,429,064	8/2002	Wicker
M2	US 6,437,383	8/2002	Xu
N2	US 6,462,984	10/2002	Xu et al.
O2	US 6,480,438	11/2002	Park
P2	US 6,487,113	11/2002	Park et al.
Q2	US 6,501,111	12/2002	Lowery
R2	US 6,507,061	1/2003	Hudgens et al.
S2	US 6,511,862	1/2003	Hudgens et al.
T2	US 6,511,867	1/2003	Lowery et al.
U2	US 6,512,241	1/2003	Lai
V2	US 6,514,805	2/2003	Xu et al.
W2	US 6,531,373	3/2003	Gill et al.
X2	US 6,534,781	3/2003	Dennison
Y2	US 6,545,287	4/2003	Chiang
Z2	US 6,545,907	4/2003	Lowery et al.
A3	US 6,555,860	4/2003	Lowery et al.
B3	US 6,563,164	5/2003	Lowery et al.
C3	US 6,566,700	5/2003	Xu
D3	US 6,567,293	5/2003	Lowery et al.
E3	US 6,569,705	5/2003	Chiang et al.
F3	US 6,570,784	5/2003	Lowery
G3	US 6,576,921	6/2003	Lowery
H3	US 6,586,761	7/2003	Lowery
I3	US 6,589,714	7/2003	Maimon et al.
J3	US 6,590,807	7/2003	Lowery
K3	US 6,593,176	7/2003	Dennison
L3	US 6,597,009	7/2003	Wicker
M3	US 6,605,527	8/2003	Dennison et al.
N3	US 6,613,604	9/2003	Maimon et al.
O3	US 6,621,095	9/2003	Chiang et al.
P3	US 6,625,054	9/2003	Lowery et al.
Q3	US 6,642,102	11/2003	Xu

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/618,824
				Filing Date	July 14, 2003
				First Named Inventor	Terry L. Gilton
				Art Unit	2823
				Examiner Name	Hsien Ming Lee
Sheet	3	of	3	Attorney Docket Number	M4065.1006/P1006-A

R3	US 6,646,297	11/2003	Dennison	
S3	US 6,649,928	11/2003	Dennison	
T3	US 6,667,900	12/2003	Lowery et al.	
U3	US 6,671,710	12/2003	Ovshinsky et al.	
V3	US 6,673,700	1/2004	Dennison et al.	
W3	US 6,674,115	1/2004	Hudgens et al.	
X3	US 6,687,427	2/2004	Ramalingam et al.	
Y3	US 6,690,026	2/2004	Peterson	
Z3	US 6,696,355	2/2004	Dennison	
A4	US 6,687,153	2/2004	Lowery	
B4	US 6,707,712	3/2004	Lowery	
C4	US 6,714,954	3/2004	Ovshinsky et al.	

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.